		Application No.	Applicant(s)
Notice of Allowability		10/009,206	BROOKNER, GEORGE M.
		Examiner	Art Unit	
		Brandon S. Hoffman	2136	

*-- The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed April 19, 2007*.

2. ☒ The allowed claim(s) is/are *1-35*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

         1. ☐ Certified copies of the priority documents have been received.

         2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

         3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

            International Bureau (PCT Rule 17.2(a)).

     * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

     (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

         1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

     (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

         Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
     Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
     Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

7/8/07

DETAILED ACTION

1. Claims 1-35 are pending in this office action.

Allowable Subject Matter

2. Claims 1-35 are allowed.

Examiner's Amendment

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wesley Jones (U.S. Reg. No. 56,552) on July 5, 2007.

The application has been amended as follows:

Claim 1 (Currently Amended) An apparatus for serving a plurality of devices through a

communications network, the apparatus comprising:

a memory for storing a plurality of records associated with the devices,

respectively;

an input element for receiving from a selected device a request that is generated

only upon initial power up of the selected device for configuration of the selected device

from a generic configuration to a selected or custom configuration through the

communications network, the request including coded information;

a processor responsive to the request for locating a record associated with the

selected device, and verifying an identity of the selected device based on the coded

information, the record including stored information concerning the selected or custom

configuration for the selected device, the selected or custom configuration

corresponding to a predetermined feature set of the selected device; and

an output element for providing through the communication network to the

selected device information objects for modifying the generic configuration to the

selected or custom configuration based on the stored information when the identity of

the selected device is verified.

Claim 8 (Currently Amended) An apparatus configurable by a server through a

communications network, the apparatus comprising:

a processor for generating a request that is generated only upon initial power up

of the apparatus for configuration of the apparatus from a generic configuration to a

selected or custom configuration which includes therein coded information for

verification by the server of an identity of the apparatus, the coded information being

generated using a cryptographic element;

an interface for receiving information objects corresponding to a predetermined

feature set of the apparatus for configuring the apparatus from the server through the

communications network when the identity of the apparatus is verified by the server, the

information objects modifying the generic configuration of the apparatus;

a memory; and

a loader for directing the information objects to be loaded in the memory in

accordance with a predetermined plan.

Claim 15 (Currently Amended) An apparatus for serving a plurality of devices through a

communications network, the apparatus comprising:

a memory for storing a plurality of records associated with the devices,

respectively;

an input element for receiving from a selected device a request that is generated

only upon initial power up of the selected device, for configuration of the selected device

from a generic configuration to a selected or custom configuration through the

communications network, the request including a cryptographic element, and first

information concerning a first identifier identifying the selected device, the first

information being encrypted;

a processor for selecting a record based on the cryptographic element, the selected record including a second identifier and configuration information concerning the selected or custom configuration for the selected device, the selected or custom configuration corresponding to a predetermined feature set of the selected device, the processor determining whether the second identifier corresponds to the first identifier obtained by decrypting the first information using the cryptographic element; and

an output element for causing the generic configuration of the selected device to be configured based on the configuration information when it is determined that the second identifier corresponds to the first identifier.

Claim 19 (Currently Amended) A method for use in an apparatus for serving a plurality of devices through a communications network, the method comprising:

storing a plurality of records associated with the devices, respectively;

receiving from a selected device a request that is generated only upon initial power up of the selected device for configuration of the selected device from a generic configuration to a selected or custom configuration through the communications network, the request including coded information;

in response to the request, locating a record associated with the selected device;

verifying an identity of the selected device based on the coded information, the record including stored information concerning the selected or custom configuration; and

providing through the communication network to the selected device information objects for modifying the generic configuration to the selected or custom configuration based on the stored information when the identity of the selected device is verified, the information objects corresponding to a predetermined feature set of the selected device.

Claim 26 (Currently Amended) A method for use in an apparatus configurable by a server through a communications network, the apparatus including a memory, the method comprising:

generating a request only upon an initial power up of the apparatus for configuration of the apparatus from a generic configuration to a selected or custom configuration which includes therein coded information for verification by the server of an identity of the apparatus, the coded information being generated using a cryptographic element;

receiving information objects corresponding to a predetermined feature set of the apparatus for modifying the generic configuration of the apparatus to the selected or custom configuration from the server through the communications network when the identity of the apparatus is verified by the server; and

loading the information objects in the memory in accordance with a predetermined plan.

Claim 32 (Currently Amended) A method for use in an apparatus for serving a plurality of devices through a communications network, the method comprising:

storing a plurality of records associated with the devices, respectively;

receiving from a selected device a request that is generated only upon initial

power up of the selected device for configuration of the selected device from a generic

configuration to a selected or custom configuration through the communications

network, the request including a cryptographic element, and first information concerning

a first identifier identifying the selected device, the first information being encrypted;

selecting a record based on the cryptographic element, the selected record

including a second identifier and configuration information concerning the selected or

custom configuration for the selected device, the selected or custom configuration

corresponding to a predetermined feature set of the selected device;

determining whether the second identifier corresponds to the first identifier

obtained by decrypting the first information using the cryptographic element; and

causing the generic configuration of the selected device to be modified from the

generic configuration to the selected or custom configuration based on the configuration

information when it is determined that the second identifier corresponds to the first

identifier.

4.   The following is an examiner's statement of reasons for allowance: the prior art of record fails to teach an apparatus/method for configuring machines to a custom configuration wherein <u>only upon initial power up</u> of the system, configuration data is sent to the machine to configure the machine to a custom configuration from a previous generic configuration.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brandon S. Hoffman whose telephone number is 571-272-3863. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser G. Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Brandon Hoffman/

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